

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor(s) : Bud MISHRA et al.  
Appln. Serial No. : 10/553,618 (National Phase of PCT/US03/37114)  
Filed : August 17, 2007  
Entitled : SYSTEM, PROCESS AND SOFTWARE  
ARRANGEMENT FOR DISEASE DETECTION USING  
GENOME WIDE HAPLOTYPE MAPS  
Group Art Unit : 1631  
Confirmation No. : 6067  
Examiner : Pablo S. Whaley

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO RESTRICTION REQUIREMENT**

SIR:

This paper is filed in response to the Restriction Requirement dated July 12, 2011 for the above-identified application (the "Restriction Requirement"). Please consider the comments as set forth below.